H61M-PS

Intel® H61 Chipset

ASRock®
www.asrock.com

Detail Specification ‹ ‹ ‹

Platform	- Micro ATX Form Factor: 9.6-in x 7.8-in, 24.4 cm x 19.8 cm - All Solid Capacitor design
CPU	- Supports 2nd Generation Intel® Core™ i7 / i5 / i3 in LGA1155 Package - Supports Intel® Turbo Boost 2.0 Technology - Supports Intel® K-Series CPU - Supports Hyper-Threading Technology
Chipset	- Intel® H61
Memory	- Dual Channel DDR3 memory technology - 2 x DDR3 DIMM slots - Supports DDR3 1333/1066 non-ECC, un-buffered memory - Max. capacity of system memory: 16GB
Expansion Slot	- 1 x PCI Express 2.0 x16 slot (blue @ x16 mode) - 1 x PCI Express 2.0 x1 slot - 1 x PCI slot
Graphics	- Supports Intel® HD Graphics Built-in Visuals : Intel® Quick Sync Video, Intel® Clear Video HD Technology, Intel® HD Graphics 2000/3000, Intel® Advanced Vector Extensions (AVX) - Pixel Shader 4.1, DirectX 11 with Intel® Ivy Bridge CPU, DirectX 10.1 with Intel® Sandy Bridge CPU - Max. shared memory 1759MB - Supports D-Sub with max. resolution up to 2048x1536 @ 75Hz
Audio	- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
LAN	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Atheros® AR8151 - Supports Wake-On-LAN - Supports LAN Cable Detection - Supports PXE
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Parallel Port (ECP/EPP Support) - 1 x Serial Port: COM1 - 1 x VGA Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Line in / Front Speaker / Microphone
Connector	- 4 x SATA2 3.0 Gb/s connectors, support NCQ, AHCI and Hot Plug functions - 1 x IR header - CPU/Chassis/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports)
BIOS Feature	- 32Mb AMI UEFI Legal BIOS with GUI support - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - IGPU, DRAM, PCH, CPU PLL, VTT, VCCSA Voltage Multi-adjustment
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), CyberLink MediaEspresso 6.5 Trial, ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial; ASRock MAGIX Multimedia Suite - OEM)

Unique Feature	- ASRock Extreme Tuning Utility (AXTU)
	- ASRock Instant Boot
	- ASRock Instant Flash
	- ASRock APP Charger
	- ASRock SmartView
	- ASRock XFast USB
	- ASRock XFast LAN
	- Hybrid Booster:
	   - ASRock U-COP
	   - Boot Failure Guard (B.F.G.)
	- Combo Cooler Option (C.C.O.)
	- Good Night LED

Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU/Chassis Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Chassis Fan Multi-Speed Control - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
OS	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
Certifications	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables (Optional)

Compatible with Windows® 7

intel CHIPSET H61 inside™

Supports intel® inside™ CORE™

New B3 Stepping Chipset Adopted — SATA problem fixed

Built-in Visuals (intel)

AXTU

XFast LAN — Faster Internet Access

XFast USB — Boosts up your USB speed

Trial — MediaEspresso 6.5

Combo Cooler Option

Supports Intel® K-Series CPU

UEFI

Product Brief ‹ ‹ ‹

- 100% All Solid Capacitor Design
- Supports Intel® K-Series CPU
- Supports Dual Channel DDR3 1333
- Supports Intel® HD Graphics with Built-in Visuals
- PCIE Gigabit LAN
- Supports XFast USB, XFast LAN Technologies
- Supports graphical UEFI, AXTU, Instant Boot, Instant Flash, APP Charger
- Combo Cooler Option (C.C.O.)
- Free Bundle : CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

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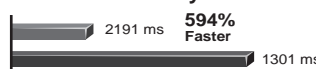
XFast LAN Technology

XFast LAN
Faster Internet Access

1 LAN Application Prioritization

You can configure your application priority ideally and/or add new programs.

2 Lower Latency In Game

2191 ms **594% Faster**
1301 ms

Time latency in World of Warcraft: Cataclysm
■ With XFast LAN ■ Without XFast LAN

After setting online game priority higher in XFast LAN, it can lower the latency in game.

3 Traffic Shaping

You Tube HD

You can watch Youtube HD video and download files simultaneously.
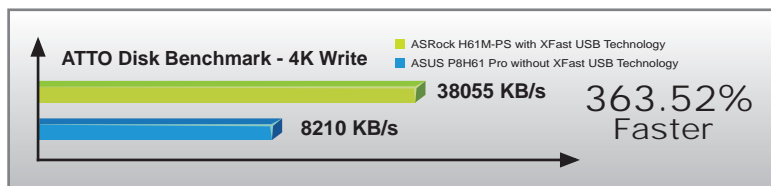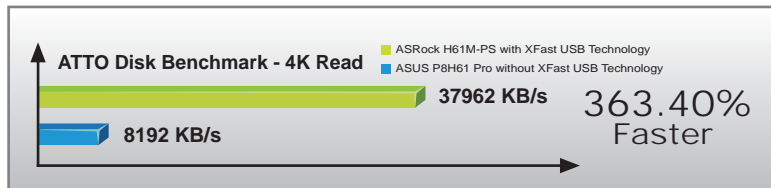
4 Real-Time Analysis Of Your Data

With the status window, you can easily recognize which data streams you are currently transferring.

XFast USB Technology

The world's fastest USB transfer speed.

XFast USB
Boosts up your USB speed

USB 2.0 Benchmark

ATTO Disk Benchmark - 4K Read
■ ASRock H61M-PS with XFast USB Technology
■ ASUS P8H61 Pro without XFast USB Technology
37962 KB/s
8192 KB/s
363.40% Faster

ATTO Disk Benchmark - 4K Write
■ ASRock H61M-PS with XFast USB Technology
■ ASUS P8H61 Pro without XFast USB Technology
38055 KB/s
8210 KB/s
363.52% Faster

Graphical UEFI

* Graphical Visual Experience
* Mouse Enabling
* Supports 3TB bootable HDD

Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software

MAGIX Multimedia Suite

The ultimate solutions to enhance your media experience. From music management, music creation, video editing to photo management. Simply do more with your media than you ever thought possible.

AXTU

ASRock Extreme Tuning Utility (AXTU) is an all-in-one software to fine-tune different features in an userfriendly interface, which includes Hardware Monitor, Fan Control, Overclocking, OC DNA and IES.

Intel® HD Graphics Built-in Visuals

Intel® Quick Sync Video

Intel® Clear Video HD Technology

Intel® HD Graphics 2000/3000

Intel® Advanced Vector Extensions (AVX)

App Charger

The best Apple charge companion

App Charger
Fast charge & Charge Anytime